

Abstract

A method to determine specificity of ligand binding includes comparing a solid phase carrier first extract obtained by pre-treating a sample with a ligand-immobilized solid phase carrier and a solid phase carrier second extract obtained by treating the pretreated sample again with a ligand-immobilized solid phase carrier in terms of the proteins contained therein, and identifying a protein whose content is remarkably decreased in the second extract 2 compared to the first extract, in order to solve 1) the problem of the solubility of subject ligand, 2) the problem of the non-specific protein-denaturing effect of the subject ligand added, and the like, in antagonism experiments in target search using an affinity resin.